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PHILIP MORRIS

INCORPORATED

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P. O. Box 3D Richmond 6, Va.

November 22, 1960

RECEIVED

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FILE 582-358
ANSO ECH

Mr. E. R. Helferich
Watson Leavenworth Kelton & Taggart
100 Park Avenue
New York 17, New York

Re: Tubular (Radial Flow)
Cigarette Filter, Item #35

Dear Mr. Helferich:

I am enclosing a disclosure on the Tubular (Radial Flow) filter. The idea was conceived by Mr. A. P. Super and was simply brought to light and re-activated because of Mr. Davidow's interest in the invention. The patent application should be made in Mr. Super's name.

I have discussed this item with Dr. Wakeham and the managers and they are agreed that it has sufficient potential value to justify a patent application.

A sketch attached to your letter of November 11 shows what seems to be a dual filter. Such a filter is not necessary with the Tubular filter although a membrane will be required as a retaining wall if the filter has activated carbon incorporated in it and if the gas flow goes from the outside to the inside, as shown in figure 1 of the attached sketch. These sketches may give you some additional ideas about the construction of the filter.

If the Tubular filter should not be patentable, the filter with the flow from the outside to the inside and with the activated carbon inside should be

Cigarettes

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patentable because of its advantage of removing the total particulate matter before it gets on the carbon and contaminates it.

It is possible that a separate patent application could be made on this last principle, since we seem to have here two specific inventions.

Sincerely yours,

Thelma C. Heatwole

(Mrs.) Thelma C. Heatwole
Patent Liaison Officer

TCH/clw

Att:

cc: Dr. A. Bavley
Dr. R. Seligman
Dr. G. Shaffer
Dr. H. Wakeham
Mr. A. Super

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